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A Catalog of

Wetlands Education Materials for Montana

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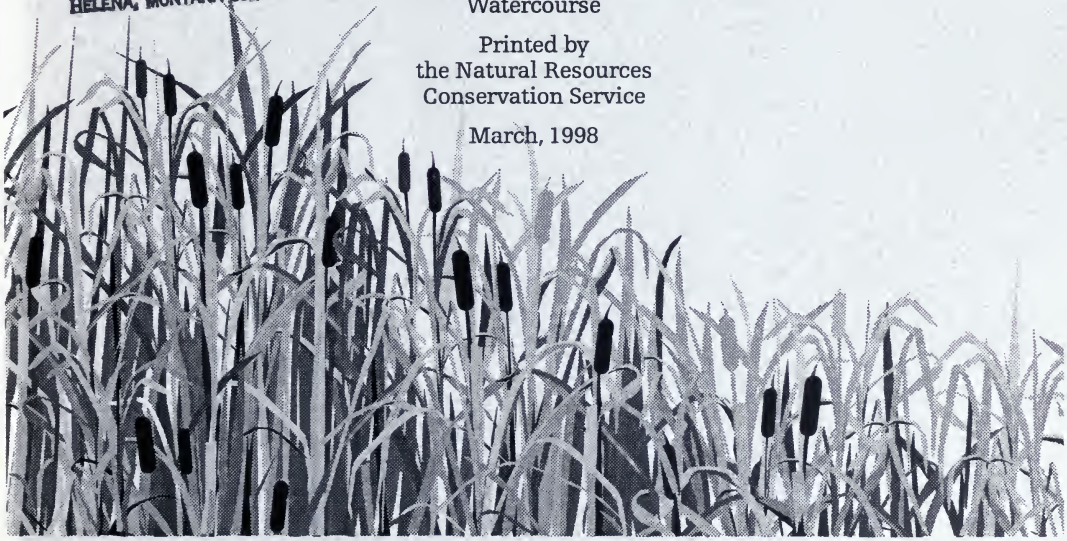
Revised for the
Education Work Group of the
Montana Wetlands Council
by Rachel Kyle,
Intern for the Montana
Watercourse

Printed by
the Natural Resources
Conservation Service

March, 1998



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This is the second edition of a catalog of wetlands education materials available to Montana's teachers, students, educators, and interested citizens. To keep this catalog up-to-date and accurate, we count on your comments. Do you have additions to this listing, or other comments?

If so, please send or fax them to:

The Montana Watercourse
201 Culbertson Hall
Montana State University
Bozeman, Montana 59717
Phone: (406) 994-6671
Fax: (406) 994-1919

(Note: This catalog does not contain publications on wetlands regulations or technical research.)

A Catalog of Wetlands Education Materials for Montana

Compiled for the
Education Work Group of the Montana Wetlands Council
by Rachel Kyle,
Intern for the Montana Watercourse

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Please contact the Montana Watercourse, 994-6671, for additional copies or updates.

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Montana Specific Wetlands Education Materials

•denotes those materials suitable for elementary and secondary education purposes.

•Aerial Photo Interpretation of Montana Wetlands
(Program)

A student activity program structured as a "hands-on" learning process with many interdisciplinary layers for identification, evaluation and analysis of important components of wetlands and riparian zones. It has potential to be integrated with a GIS system.

George B. Chaffee,1997, Natural Resource Services, Box 315, Ulm, MT 59485

•Aquatic Invertebrates and Water Quality
(Video)

Suggested for grades 7-12.

Missoula County Conservation District, (Not Dated) 5115 Highway 93 South Missoula, MT 59801

Classification and Management of Montana's Riparian and Wetland Sites
(Book)

Dichotomous keys for identifying and classifying more than 100 riparian and wetland site types in Montana based on vegetation. Also provides management information for each of the habitat and community types.

Montana Forest and Conservation Experiment Station, 1995 The University of Montana Missoula, MT 59812

A Clear Reflection
(Video)

Focus on riparian forests and Forestry Best Management Practices.

Montana Department of Natural Resources and Conservation (1993) 1520 East 6th Avenue Helena, Montana 59620 (406)444-1269

A Guide to Stream Permitting in Montana
(Pamphlet)

A guide to required permits for projects taking place along streams in Montana.

Montana Association of Conservation Districts, 1993 501 North Sanders Helena, MT 59601

Handbook for Reclamation of Placer Mined Stream Environments in Western Montana
(Book)

A guide for reclamation of stream environments in placer mined areas of Montana.

Inter-Fluv, Inc., 1991 25 N. Willson Ave., Suite 5 Bozeman, MT 59715 (406)586-6926

MDT Wetland Field Evaluation Form and Instructions
(Guidebook)

Methodology utilized to assess the functions and values of wetlands in the field.

Jeff Berglund, 1996, Montana Department of Transportation, Highway Building, 2701 Prospect Avenue, P.O. Box 201001, Helena, MT 59620-1001 (406) 444-6200

Monitoring for Success
(Book)

A rancher's guide to ranch planning, upland monitoring, and stream channel and riparian area monitoring.

Department of Natural Resources and Conservation, 1995 P.O. Box 202301 Helena, MT 59620-2301 (406)444-6667

Montana Guide to Streamside Management Zone Law and Rules
(Booklet)

Explains and illustrates the SMZ law and rules as they apply to forest practices.

Montana Department of Natural Resources and Conservation (1994) 1520 East 6th Avenue Helena, MT 59620 (406) 444-1629

Montana Forestry Best Management Practices
(Pamphlet and Book)

Includes information on building roads near wetlands.

Montana Department of State Lands (1992) Helena, MT

Montana Placer Mining BMP's
(Book)

Techniques for wise mining practices, including treatment near wetlands.

Montana Bureau of Mines and Geology (Special Publication 106) Montana Tech Butte, Montana 59701

Montana Riparian and Wetland Review
(Newsletter)

A newsletter published twice a year for the Montana Riparian and Wetland Association.

Montana Riparian and Wetland Association 5115 Hwy 93 South Missoula, MT 59801 (406)251-5026

Montana's Riparian Areas
(Pamphlet)

A guide to streamside management and assistance for landowners in Montana.

Conservation Districts Bureau, 1990 Department of Natural Resources and Conservation 1520 East Sixth Helena, MT 59620-2301 (406)444-6667

Montana's Riparian Areas
(Video)

A guide to streamside management for landowners and ranchers. Identifies common uses and activities in riparian areas, and provides methods to identify a degraded streamside.

Montana Riparian Association Education Committee, (Not Dated) Montana Department of Natural Resources and Conservation 5115 Hwy 93 South Missoula, MT 59801 (406)444-6667

Montana Stream Management Guide
(2nd edition in progress)

Contact Dave Martin, Montana Department of Environmental Quality (406) 444-5317

Montana Streams: Worth Permitting
(Video)

Targeted to the general public.

Montana Association of Conservation Districts, (Not Dated)

Montana Voluntary Wildlife Guidelines for Streamside Management Zones
(Pamphlet)

Recommendations for enhancing or maintaining wildlife habitat within the SMZ while doing forest practices.

Montana Department of Natural Resources and Conservation (1995) 1520 East Sixth Ave. Helena, MT 59620 (406) 444-1269

Montana Wetland Resources
(Report/Color Pictures)

Types and distribution, hydrology, trends, and conservation of Montana wetlands. Appears in National Water Summary on Wetland Resources, pgs. 255-260.

Eloise Kendy, 1996, U.S. Geologic Survey, 301 S. Park Avenue, Federal Building Rm 428, Helena, MT 59626-0076 (406)441-1319

Montana Wetlands: Their Distribution, Uses, Values, and Future
(Book)

Reports presented at a Montana wetlands symposium in Bozeman, Montana.

Environmental Protection Agency, Region VIII, 1986 One Denver Place 999 18th Street, Suite 1300 Denver, CO 80202 (303)293-1692

Practical Approaches to Riparian Resource Management: An Educational Workshop
(Book)

Papers presented at a multi-agency workshop addressing various aspects of management of riparian and wetland areas.

U.S. Bureau of Land Management, May 8-11, 1989 222 North 32nd Street Billings, MT 59107

Protecting Montana's Wetlands: An Overview of Montana's Section 404 Program
(Book)

Outlines the importance of Montana's wetland resources. Presents the 404 Program in detail, including a description of general and nationwide permits.

Montana Audubon Council, 1993 P.O. Box 595 Helena, MT 59624 (406)443-3949

Riparian Forest Stewardship
(Pamphlet)

Defines riparian forests and the benefits of stewardship. Provides tips on protection and enhancement of riparian forests. Montana State University Extension Service, 1994 Extension Publications Montana State University Bozeman, MT 59717-0204

Riparian Grazing Successes on Montana Ranches
(Booklet)

A presentation of 14 Montana ranches and the riparian management practices they have used to improve and preserve riparian areas.

Department of Natural Resources and Conservation, 1995

***Story of a River: The Clark Fork**
(Video)

Suggested for grades 7-12, with curriculum guide.

Missoula County Conservation District, (Not Dated)

These Few Acres
(Video)

For small landowners; provides grazing and irrigation management practices for prevention of riparian area degradation.

Missoula County Conservation District, (Not Dated)

Tips On Land and Water Management for Small Farms and Ranches In Montana
(Booklet)

Outlines aspects of land and water management for landowners, including riparian guidelines and contacts for wetland information.

Department of Natural Resources and Conservation, (Not Dated)

***Waterworks: A Water Resource Guide for Missoula Teachers**
(Booklet)

A compilation of water resource contacts, field trip sites, programs, books, and organizations for Montana teachers.

Montana Natural History Center, 1995 P.O. Box 8415 Missoula, MT 59807 (406)243-6642

Wetlands and Highways: A Natural Approach
(Booklet)

Outlines mitigation banking for wetlands disturbed by highway construction and presents several success stories for different states.

U.S. Department of Transportation, 1994 Federal Highway Administration Office of Environment and Planning 400 7th Avenue, S.W., Room 3240 Washington, D.C. 20590 (202)366-2069

"Wetlands Diverse Abundance" Montana Magazine
(Article)

Defines wetlands and their uses and discusses recent moves to preserve wetlands in Montana (e.g. McWhenneger Slough).

American and World Geographic Publishing Co., October, 1994 3020 Bozeman Ave. Helena, MT 59604

Workshop On Western Wetlands and Riparian Areas: Public/Private Efforts In Recovery, Management, and Education
(Book)

Studies of wetlands and riparian areas in Montana, Colorado, Utah, North Dakota, and South Dakota. Includes monitoring, construction, and protection of wetlands.

Thorne Ecological Institute, 1993 5398 Manhattan Circle, Suite 120 Boulder, CO 80303 (303)499-3647

Rocky Mountain, Northern Great Plains, and Prairie Pothole Region Specific Wetlands Education Materials

Beaver: Water Resources and Riparian Habitat Manager
(Book)

All about beaver biology and management. Relates to wetlands constructed by beaver.

Rich Olson and Wayne Hubert, University of Wyoming, Laramie, 1994.

A Citizen's Handbook for Wetland Protection in the Rocky Mountain and Northern Great Plains Region
(Pamphlet)

Information for people living in these regions to help them understand what wetlands are, why they are important, and how they can be protected.

Environmental Protection Agency, Region VIII, 1989

Ecosystem Analysis Guide
(Book)

Contains section on wetlands sampling.

U.S.D.A. Forest Service, Northern Region (1992)

Habitat Projects Benefitting Species in Decline
(Book)

A presentation of projects studying individual species, many in wetlands. Includes maps, photographs, and project summaries.

Partners for Wildlife Mountain-Prairie Region, 1993 U.S. Fish and Wildlife Service P.O. Box 25486 Denver Federal Center Denver, CO 80225

Impact of Agricultural Chemicals on Wetland Habitats and Associated Biota with Special Reference to Migratory Birds: A Selected and Annotated Bibliography
(Book)

Documents the impact of pesticides and agricultural chemicals on northern prairie wetlands and the migratory birds using wetlands. Recommends practices which could mitigate or prevent such impacts.

South Dakota Cooperative, (Not Dated) Fish and Wildlife Research Unit South Dakota State University Brookings, SD 57007-1696

***Neighbors**
(Booklet)

A story of a pair of nesting canvasback ducks who return to the prairie pothole region for nesting only to find their wetland drained and dried up.

Grand Teton Natural History Association, 1990 Moose, WY 83012

Proceedings-Symposium on Ecology and Management of Riparian Shrub Communities
(Book)

Contains information on wetland shrub species.

U.S.D.A. Forest Service, Intermountain Station (1992) General Technical Report INT-289

Protecting Prairie Potholes Saves Shorebirds
(Pamphlet)

Promotes the preservation of shorebirds with the North American Waterfowl Management Plan through several Joint Ventures.

Shorebird Education Project, (Not Dated) U.S. Prairie Pothole Joint Venture U.S. Fish and Wildlife Service P.O. Box 25486 Denver Federal Center Denver, CO 80225

Restoring and Creating Wetlands: A Handbook for the Rocky Mountain West
(Book)

Methods for managing Rocky Mountain wetlands (specific to Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming).

By David Cooper (1993); Available for EPA, Region 8, Denver

U.S. Prairie Pothole Joint Venture, Join Us In A Partnership...North American Waterfowl Management Plan
(Pamphlet)

Outlines the U.S. Prairie Pothole Joint Venture and explains the benefits of restored wetlands.

U.S. Prairie Pothole Joint Venture, 1989 Montana Department of Fish, Wildlife, and Parks 1520 East Sixth Avenue Helena, MT 59620

Western Wetland Flora-Field Office Guide to Plant Species

U.S.D.A. Soil Conservation Service West National Technical Center Portland, OR

Wetlands in the Northern Great Plains: A Guide to Values and Management

(Booklet)

Defines wetlands in terms of biological, hydrological, and soil factors; presents practices landowners can use to create or improve wetlands; and presents the economic value of wetlands.

U.S. Fish and Wildlife Service and South Dakota State University Agricultural Extension Service, 1993 South Dakota Agricultural Experiment Station Bulletin Room, Lincoln Hall South Dakota State University Brookings, SD 57007

"Wetlands in the Rocky Mountains and Northern Great Plains"

(Pamphlet)

Defines wetlands and outlines functions and values of wetlands in the Rocky Mountain and Northern Great Plains regions.

Environmental Protection Agency, Region VIII, (Not Dated)

Selected General Wetlands Information Materials

Along the Waters Edge
(Video)

Alberta Riparian Habitat Management Project, 1996

Fish and Wildlife Services, Alberta Environmental Protection, 9915-108 Street , Edmonton, AB T5K 2G8, Canada, (403)427-2739

America's Endangered Wetlands
(Pamphlet - Poster)

Describes the wetland benefits, gives results of the National Wetlands Trends Analysis, and lists and describes the most threatened types of wetlands.

U.S. Fish and Wildlife Service, 1990 Superintendent of Documents U.S. Government Printing Office Washington, D.C. 20240

America's Wetlands
(Pamphlet)

A American Wetlands Month pamphlet promoting wetlands awareness and protection.

Environmental Protection Agency, (Not Dated)

America's Wetlands
(Videos)

Environmental Protection Agency, (Not Dated)

An Approach to Improving Decision Making in Wetland Restoration and Creation
(Book)

The culmination of research projects comparing populations of natural and created wetlands to determine whether restored wetlands successfully replace wetlands lost to development and other pressures.

Environmental Protection Agency, 1992

Be Aware of Wetlands...
(Booklet)

A call to citizens to become involved in the protection of wetlands.

Environmental Protection Agency, (Not Dated)

Caring For Our Nation's Waters
(Pamphlet)

Outlines the Corps of Engineers regulatory program and the Omaha District and answers permit questions.

U.S. Army Corps of Engineers, 1992 c/o DNRC/CDD 1520 East 6th Avenue Helena, MT 59620-2301 (406)444-6670

Caring for the Green Zone: Riparian Areas and Grazing Management
(Pamphlet)

Operator-oriented guide to proper grazing management.

Barry Adams and Lorne Fitch,1995, Publication number 1-581, ISBN: 0-7732-1435-6, Alberta Agriculture, Food and Rural Department, (403) 381-5486

Classification of Wetlands and Deepwater Habitats of the United States
(Book)

Explains the classification system developed by wetland ecologists and adopted for use by the Fish and Wildlife Service.

U.S. Fish and Wildlife Service, 1992

Conserving America: Wetlands
(Video)

National Wildlife Federation, (Not Dated) Montana Wildlife Federation P.O. Box 1175 Helena, MT 59624 (406)449-7604

Determining the Health of a Riparian Wetland Site
(Report)

Presents methods for answering: 1) What is the potential of the site?; 2) What plant community currently occupies the site?; and 3) What is the overall condition of the site? Provides instructions for completing the Riparian Wetland Ecological Evaluation Form.

Riparian and Wetland Research Program, 1995 School of Forestry University of Montana Missoula, MT 59807

***Do Your Part**
(Video)

For kids ages 5-15. Wetland conservation, importance, and biology.

U. S. Fish and Wildlife Service NAWAMP Office, ATTN: Carol Lively P. O. Box 25486 Denver Federal Center Denver, CO 80225

EPA Wetlands Information Hotline Publication List
(List)

A list of wetlands materials that can be obtained by calling or writing to the EPA Wetlands Hotline.

Environmental Protection Agency, 1995. 1-800-832-7828.

Farming and Section 404 of the Clean Water Act
(Pamphlet)

Steps to follow for meeting guidelines set forth under the Clean Water Act (CWA) Section 404 and the Swampbuster provision of the Food, Agriculture, Conservation, and Trade Act.

Environmental Protection Agency, 1993

A Guide to Wetland Functional Design
(Book)

A conceptual guide for replacing wetland functions using the Wetland Evaluation Technique.

Federal Highway Administration, 1990

A Hydrogeomorphic Classification for Wetlands
(Book)

A wetlands classification approach emphasizing hydrologic and geomorphic aspects. Adaptable to various wetland types and geographic regions in the United States.

U.S. Army Corps of Engineers, 1993

Methods for Evaluating Riparian Habitats with Applications to Management
(Book)

Information on measuring and evaluating riparian areas and stream channels.

U.S. Forest Service, 1987

National Water Summary on Wetland Resources
(Report)

Provides starting place for further study and a base upon which to begin to understand wetland values.

Judy Fretwell, 1996, U.S. Geological Survey, Box 25425, Federal Center, Denver, CO 80225

National Wetlands Newsletter
(Newsletter)

A bimonthly newsletter providing current information on wetlands law, science, and management as well as information on floodplains and coastal water resources.

Environmental Law Institute, Bi-monthly Suite 200, 1616 P Street NW Washington, D.C. 20036 (202)328-5150

New and Bestselling Titles on Wetlands
A myriad of excellent technical texts and publications. Contact Lewis Publishers 1-800-272-7737, Boca Raton, Florida.

The North American Waterfowl Management Plan: Waterfowl for the Future
(Pamphlet)

Outlines the North American Waterfowl Management Plan - a plan designed to help save waterfowl.

U.S. Fish and Wildlife Service, (Not Dated)

NWI Maps Made Easy
(Book)

A user's guide to National Wetlands Inventory Maps of the Mountain-Prairie Region.

U.S. Fish and Wildlife Service, 1993

Our Urban Wetlands: An Endangered Resource
(Video)

Environmental Protection Agency, Region VIII, (Not Dated)

*Pond Life: Teacher's Guide
(Book)

A teacher's guide for teaching all aspects of pond ecosystems.

Delta Education, 1988 P.O. Box 915 Hudson, NH 03051

Protecting Natural Wetlands: A Guide to Stormwater Best Management Practices
(Book)

Guidelines to control stormwater run off into natural wetlands.

EPA,(843-B-96-0001), Office of Water (4502F),1996, 401 M Street, S.W., Washington, D.C. 20460

Recognizing Wetlands
(Pamphlet)

Using Corps of Engineers' standards, describes how to determine if an area is a wetland, and lists who to contact if an area to be altered is a wetland.

U.S. Department of Commerce, (Not Dated) National Technical Information Service 5285 Port Royal Road Springfield, VA 22161 (703)487-4650

Restoration of Aquatic Ecosystems
(Book)

Discusses the reality of ecological restoration of aquatic ecosystems including wetlands.

National Academy of Sciences, 1992, National Academy Press, Washington, D.C.

Riparian and Wetland Management
(Videos)

I: Achieving Excellence II: Recovery at Work

Phoenix Training Center for the Bureau of Land Management

Riparian Area Management: Procedures for Ecological Site Inventory-with Special Reference to Riparian-Wetland Sites
(Book)

Bureau of Land Management Service Center, 1992 P.O. Box 25047 Denver, CO 80225-0047

Riparian Grazing Management by Objectives
(Video)

Targeted to ranchers and landowners.

Sherm Swanson, 1992 Instructional Media Services University of Nevada Reno, NV

Successful Strategies for Grazing Cattle in Riparian Areas
(Report)

Reviews techniques used by Montana ranchers to graze riparian areas; includes a synopsis of pros and cons of various seasons of use.

Bob Ehrhart, 1997, School of Forestry, University of Montana, Missoula, MT 59812

Statewide Wetlands Strategies A Guide to Protecting and Managing the Resource
(Book)

Describes state wetlands strategies, why one should be implemented, and how a state can implement its own strategy.

World Wildlife Fund, (Not Dated)

Status and Trends of Wetlands in the Coterminous United States, Mid-1970's to Mid 1980's
(Pamphlet)

Contains data related to title. U. S. Department of Interior, Fish and Wildlife Service, Washington, D.C. 28 pages.

U.S. Government Printing Office Superintendent of Documents Mail Stop: SSOP Washington, D.C. 20402-9328

A Synoptic Approach to Cumulative Impact Assessment - A Proposed Methodology
(Book)

Outlines the synoptic approach and tells how to do a synoptic assessment. Designed to assist in assessing cumulative effects of individual wetland impacts within the landscape.

Environmental Protection Agency, 1992

ULI Sources Wetlands
(Newsletter)

Offers a cross-section of views about wetlands through the research that the ULI Task Force does.

The Urban Land Institute 1090 Vermont Avenue, N.W. Washington, D.C. 20005-4962

U.S. Environmental Protection Agency's Wetlands Information Hotline
(Handout)

A toll-free telephone service staffed by Information Specialists. Open Monday through Friday, 9:00 a.m. to 5:00 p.m., EST.

1-800-832-7828 (U.S.) (703)525-0985 or (703)525-0986 (International)

Sandy Cohen and Associates, 1355 Beverly Road, Suite 250, McLean, VA 22101

The Value of Riparian Areas
(Video)

Wyoming Game and Fish, 1992 5400 Bishop Blvd. Cheyenne, WY 82006

A Vanishing Melody: The Call of the Piping Plover
(Video)

Overviews the problems throughout the range of the piping plover but focuses on the upper and middle Missouri River population.

Montana Area Office/Multi-Agency production.

Tom Parks, Bureau of Reclamation, Great Plains Region, Montana Area Office, P.O. Box 30137, Billings, MT 59107-0137, (406) 247-7314

Water Quality Standards for Wetlands
(Book)

Guidance for defining and classifying wetlands in accordance with state and federal water quality standards.

Environmental Protection Agency, 1990

Watershed Protection Approach Slide Program: Wetlands Module -Region VIII
(Slide Presentation)

Environmental Protection Agency, Region VIII, (Not Dated)

The Wealth In Wetlands
(Video)

Features five farmers who tell why they protect their wetlands.

National Association of Conservation Districts, (Not Dated) P.O. Box 855 League City, TX 77574-0855 1-800-825-5547

***Welcome to the Wetlands**
(Poster)

A coloring poster that identifies wetland types, uses, and threats; shows plants and animals commonly found in wetlands.

Environmental Protection Agency, 1988

Wetland Journal
(Journal)

A quarterly journal featuring wetland education, current issues, restoration techniques, and research. Received with annual membership.

Environmental Concern Inc. P.O. Box P St. Michaels, MD 21663 (410)745-9620

Wetland Restoration, Enhancement, or Creation
(Book)

An engineering field handbook describing all aspects of wetland restoration, enhancement, and creation.

Soil Conservation Service, 1992 (Department of Natural Resources and Conservation)

Wetlands: An Introduction to Ecology, the Law, and Permitting
(Book)

Explains in depth both the ecology and law of wetlands.

Government Institutes, Inc. (1995) 4 Research Place, Suite 200 Rockville, MD 20850 (301) 921-2355

Wetlands and the Agricultural Community
(Fact Sheet)

Environmental Protection Agency, Region VIII, (Not Dated)

Wetlands and the Development Community
(Fact Sheet)

Environmental Protection Agency, Region VIII, (Not Dated)

Wetlands and the Local Governments
(Fact Sheet)

Environmental Protection Agency, Region VIII, (Not Dated)

Wetlands Are Wonderful
(Poster)

Environmental Protection Agency, Region VIII, (Not Dated)

Wetlands Fact Sheets
(Book)

A collection of wetlands fact sheets from the EPA including wetlands protection and threats, plans and planning, programs, and regulations.

Environmental Protection Agency, 1995

Wetlands Information Resource Guide
(Book)

Lists a variety of wetlands materials and contacts for acquiring them. See EPA Wetlands Hotline in this listing.

***Wetlands Literature List**
(Publication List)

A list of non-academic literature on wetlands with an emphasis on children's material.

Montana Natural History Center, (Not Dated)

Wetlands: Meeting the President's Challenge
(Book)

Outlines the U.S. Fish and Wildlife Service's Wetlands Action Plan (a response to the President's challenge in 1989), and defines "no net loss" and how the Service plans to achieve it.

U.S. Fish and Wildlife Service, 1990

Wetlands: Mitigating and Regulating Development Impacts
(Book)

Defines wetlands and their values and losses, outlines state and federal regulations, and presents choices for mitigation strategies.

The Urban Land Institute, 1991

Wetlands of International Importance
(Booklet)

The United State's participation in the "Ramsar" convention.

U.S. Fish and Wildlife Service, (Not Dated)

Wetlands of the Old West; An Endangered Resource
(Poster)

Presents facts on wetland functions and values, the waterfowl flyway, and Army Corps involvement. Photographic design on reverse side.

U.S. Army Corps of Engineers, 1992

Wetlands of the United States: Current Status and Recent Trends
(Book)

The current status and recent trends of U.S. wetlands as determined by the National Wetlands Inventory.

U.S. Fish and Wildlife Service, 1984

Wetland Partnerships - Working Together Toward Environmental Enhancement

Describes Reclamation's Wetland Development Program, the value of partnerships, and provides examples of wetland projects involving partnerships.

Bureau of Reclamation, October 1997, Great Plains Regional Office, P.O. Box 36900, Billings, MT 59107-6900, (406) 657-6214

Wetlands
(Journal)

Published by the Society of Wetlands Scientists. 810 E. 10th Street P.O. Box 1897 Lawrence, KS 66044

Wetlands and the General Public
(Fact sheet)

Environmental Protection Agency, Region VIII, Montana Office, Federal Building, Drawer 10096, 301 South Park, Helena, MT 59626-0096

Wetlands: Development Assets
(Pamphlet)

Wetlands as assets when incorporated into a development plan. National in scope but could be useful in Montana.

David Jensen Associates Inc., date unknown

National Association of Home Builders, 1201 15th Street NW, Washington, D.C. 20005, (800)368-5242

Wetlands of the United States: Their Extent and Their Value to Waterfowl and Other Wildlife
(Booklet)

U.S. Fish and Wildlife Service, 1956

Wetlands Protection and the States
(Book)

Defines wetlands types and their values; outlines both federal and some state regulatory programs.

National Conference of State Legislatures, 1990 1050 Seventeenth Street, Suite 2100 Denver, CO 80265

*Wetlands Reading List: Pre-Kindergarten through Grade 12
(Booklet)

A list of books on wetlands for grades K-12. Listed by level with a short summary of each book and a comment on the background and significance of the book. See EPA Wetlands Hotline in this listing.

Wetlands Status and Trends In the Conterminous United States Mid-1970's to Mid-1980's
(Book)

The Secretary of the Interior's update to the 1982 report titled Status and Trends of Wetlands and Deepwater Habitats in the Conterminous United States 1950's to 1970's.

U.S. Fish and Wildlife Service, 1991

Wetlands Values and Management
(Book)

Introduces wetlands types, their values, and different management practices.

U.S. Fish and Wildlife Service, 1981

*Wetlands: Water, Wildlife, Plants, and People
(Poster)

A poster depicting all types of wetlands and their uses.

U.S. Geological Survey, 1993 Branch of Distribution Box 25286 Denver Federal Center Denver, CO 80225 (303)236-7477

Where Water Meets the Land
(Video)

"An introduction to the functioning and management of the riparian resource. Both resource managers and land users tell their story."

Sawtooth National Forest, Intermountain Regional Office, 2647 Kimberly Road East, Twin Falls, ID 83301, (208)737-3200

Why Are Wetlands Important?
(Slide Presentation)

Addresses wetland delineation and mitigation as well as the permitting process for landowners.

Donna Lovell, 1995, P.O. Box 6786, 2nd Floor, 13 South Willson Avenue, Bozeman, MT 59715 (406)582-1992

*World In Our Backyard: A Wetlands Educational and Stewardship Program
(Video)

A 16-minute teacher video and 7-minute student video on wetlands with guide and activities.

Environmental Protection Agency, 1993

*WOW!: The Wonders of Wetlands; An Educator's Guide
(Book)

A complete book full of wetlands educational activities for K-12. See Resource pages for good listing of other references designed for teachers and landowners.

Environmental Concern Inc. and The Watercourse, 1995. (Call 406-994-5392)

Valuable Wetlands Information From Other States

Conserving Wetlands on Colorado's Agricultural Lands
(Book)

A workbook for Colorado landowners on wetland creation, protection, and enhancement. Introduces the benefits and functions of wetlands and presents successful case studies; outlines programs and regulations for wetlands conservation.

Colorado State Soil and Conservation Board, 1994 1313 Sherman Street #219 Denver, CO 80203 (303)866-3351

***Discover Wetlands**
(Book)

A curriculum guide for educators in Washington State. A collection of information and activities focusing on wetlands tackling such questions as: what and where are wetlands?, why are they valuable and how human actions have affected them? Target audience is grades 4-8 although some activities suitable to a variety of audiences.

Washington State Department of Ecology, 1988 P.O. Box 47600 Olympia, WA 98504-7600 (206)438-7538

Evaluating Design and Verifying Compliance of Wetlands Created Under Section 404 of the Clean Water Act in Oregon
(Book)

A study that uses permit specifications, construction plans, and field measurements to examine the correlation between design and conditions "as-built" in a population of 11 palustrine emergent marshes created in the metropolitan area of Portland, Oregon.

Environmental Protection Agency, 1990

***Guide to Wetlands Educational Programs and Materials In Pennsylvania**
(Book)

A list of wetland education programs and materials in Pennsylvania.

Environmental Protection Agency, 1991

Hydric Soils of Florida Handbook
(Book)

Includes general information concerning hydric soils, hydric soil descriptions etc., as well as specific information about Florida soils. Good general reference.

Florida Association of Environmental Soil Scientists,1995, P.O. Box 7025, Gainesville, FL 32605

***North Dakota Wetlands Discovery Guide: Activities for Elementary and Secondary Educators**
(Book)

A collection of wetlands activities for grades K-12 in North Dakota.

BlueStem Inc., 1993 P.O. Box 2432 Bismarck, ND 58502

North Dakota Wetlands Management Handbook
(Book)

Wetlands information for landowners, water resource districts, county commissioners, and others in North Dakota. Includes North Dakota's no net loss of wetlands program, Section 404 permit requirements, public lands and taxes, Swampbuster, and a description of North Dakota's wetlands and their values.

North Dakota Water Users Association, 1990 1501 N. 12th St. Box 2254 Bismarck, ND 58502 (701)223-4615

North Dakota Wetlands Trust Newsletter
(Newsletter)

A newsletter for the North Dakota Wetlands Trust. The purpose of the Trust is to "preserve, enhance, restore and manage wetlands and associated wildlife habitat in the State of North Dakota."

North Dakota Wetlands Trust P.O. Box 3175 Bismarck, ND 58502 (701)223-8501

Protecting Wetlands: Tools for Local Governments in the Chesapeake Bay Region
(Book)

Describes local government planning tools to protect wetlands (e.g. easements, incentives, taxes, trusts, zoning, acquisition, etc.)

Chesapeake Bay Program, April 1997, 1-800-YOUR-BAY

Surface Water Quality Handbook
(Book)

A handbook to provide North Dakota water resource managers and decision makers with pertinent information on surface water quality and related issues. Contains a small section on wetlands.

North Dakota Game and Fish Department, 1993 100 North Bismarck Expressway Bismarck, ND 58502

Utah's Wetlands Workbook: A Guide to Proper Wetlands Management and Development
(Book)

A thorough workbook used to improve public understanding and appreciation of wetlands functions, values, regulation and protection in the state of Utah.

Utah Division of Wildlife Resources 1596 West North Temple Salt Lake City, UT 84116-3195 (801)538-4864

*Welcome to the Wetlands: An Activity Book for Teachers
(Book)

Full of teaching activities intended to provide wetlands information to a variety of learners as well as teaching techniques on Louisiana wetlands.

Louisiana Nature and Science Center, 1991 New Orleans, LA 70187-0610

Wetlands and Water Quality: A Citizen's Handbook for Protecting Wetlands
(Book)

Gives citizens of the Great Lakes region practical information needed to protect wetlands and understand legal and regulatory processes.

Lake Michigan Federation, 1990 59 East Van Buren, Suite 2215 Chicago, IL 60605

Wetlands of Utah: A Citizen's Guide to the Enjoyment and Conservation of Utah's Wetlands
(Booklet)

Describes Utah wetlands and includes information on wetland functions and citizen involvement in wetlands protection.

Utah State University Cooperative Extension Service, 1992 Utah Sate University College of Natural Resources Logan, UT 84322-5210

A Wetlands Workbook: Utah's Guide to Proper Wetlands Management and Development
(Book)

Targets decision makers, land managers, planners, and citizens of Utah to help them understand wetlands identification, classification, functions, and values. Provides guidelines for development and information on obtaining a Clean Water Act Section 404 permit. List of technical and agency resources included.

Utah Division of Wildlife Resources, 1993

*Wyoming's Wetland Wildlife Teaching Package
(Book)

A packet for Wyoming teachers to help students learn about wetland ecosystems. Includes a videotape or slide tape program. Applies wetlands to language, art, reading, math, and social studies skills.

Wyoming Game and Fish Department, 1992

Technical Information

Field Indicators of Hydric Soils in the United States
(Pamphlet)

Field indicators and back-up information. Nationwide application.

U.S. Department of Agriculture, Natural Resource Conservation Service, USF & G Building, 1625 Eleventh Avenue, P.O. Box 201601, Helena, MT 59620, (406) 444-2074

A Guide to Highway Construction Permitting in Montana
(Booklet)

A guide on required permits, erosion control measures for projects in the state of Montana and Indian Reservations.

Montana Department of Transportation, updated yearly, 1997

Highway Building, 2701 Prospect Avenue, P.O. Box 201001, Helena, MT 59620-1001, (406) 444-6200

A Guide to Wetland Functional Design
(Book)

A.D. Marble, 1992, Lewis Publishers

Guide to Wetland Mitigation Issues for Transportation Designers
(Soft Covered Booklet)

Guide for wetland mitigation issues that transportation designers can utilize in the development and planning of wetlands.

American Association of State and Highway and Transportation Officials Task Force on Environmental Design, September 1996

Guidelines for the Development of Wetland Replacement Areas
(Soft Covered Report)

A guide book describing the process for locating, designing, constructing, maintaining and monitoring wetland replacement areas.

Transportation Research Board NCHRP Report 379, 1996

Hydric Soils and Field Indicators of Hydric Soils in the United States
(Slide Set)

Benita Rogers, Soil & Water Conservation Society, Florida Chapter, P.O. Box 141510, Gainesville, FL 32614-1510, (352) 338-9534

$100

Integrated Riparian Evaluation Guide
(Book)

Technical guide to inventory and assessment of riparian functions.

USDA Forest Service, Intermountain Region, Federal Building, P.O. Box 7669, Missoula, MT 59807, (406)329-3516

Planning Hydrology for Constructed Wetlands
(Book)

Hydrologic models for wetland construction.

G.J. Pierce, 1993, WIT/Southern Tier Consulting

Process for Assessing Proper Functioning Condition for Lentic Riparian Wetland Areas (TR 1737-11 1994)

U.S. Department of the Interior, Bureau of Land Management, 222 North 32nd Street, P.O. Box 36800, Billings, MT 59701, (406) 255-2794

Process for Assessing Proper Functioning for Lotic Riparian - Wetland Areas BLM-TR 1737-9
(Book)

Technical guide to assessing function and health.

Bureau of Land Management, 222 North 32nd Street, P.O. Box 36800, Billings, MT 59107, (406) 255-2794

Riparian Area Management (TR 1737-9 1993)
Process for assessing Proper Functioning Condition.

U.S. Department of the Interior , Bureau of Land Management, 222 North 32nd Street, P.O. Box 36800, Billings, MT 59701, (406) 255-2794

Internet Sites

America's Wetlands - Our Vital Link Between Land and Water
(Internet site, no hard copies available)

Defines types of wetlands, their values, and options for protection of wetlands on private land.

http://www.epa.gov/OGWDW/wetpubs.html

Association of State Wetland Managers Homepage
Book Service, registry, and annual meeting.

http://members.aol.com./ASWMI/homepage.html

Ducks Unlimited Canada Homepage
http://vm.ducks.ca/

EcoScope Homepage
For Sustaining Wetlands - "A powerful and innovative approach to wetland education".

http://www.wetlands.ca/EcoScope/ecopage.html

Educating Young People About Water
"Provides materials, searchable by grade level or by subject, that can help users develop community-based, water education programs that target youth while forming key community partnerships".

http://www.unwex.edu/erc/ywc/index.html

GOSWAMPY Homepage
Wetlands Information.

http://home.aol.com/goswampy

Hydric Soils of the United States
http://www.statlab.iastate.edu/soils/hydric/

National Wildlife Federation
Wetlands Table of Contents.

http://www.nwf.org/wetlands/

The Nature Conservancy Homepage
Information on the Conservancy projects and publications.

http://www.tnc.org/welcome/index.html

Society of Wetland Scientists Wetland Web Sites
http://www.sws.org/wetlandweblinks.html

U.S. Environmental Protection Agency
Wetlands, Oceans, Watersheds On-line: Browse through EPA newsletters, fact sheets, brochures, publications, regulations, press releases, and Congressional testimony; order EPA publications on-line; request STORET water quality data; join in a nonpoint source discussion group; visit Know Your Watershed and Surf Your Watershed; and more.

http://www.epa.gov/owow/

U.S. Environmental Protection Agency's - Office of Water Publications
http://www.epa.gov/OW/pubs/index.html

U.S. Environmental Protection Agency's Office of Wetlands, Oceans and Watershed Partners:
Links to many state/tribes/local, agricultural, federal, and environmental sites.

http://www.epa.gov/OWOW/home/partners.html

U.S. Environmental Protection Agency's Office of Wetlands, Oceans, and Watersheds Publications-Part 1
"An excellent list with many hotlinks".

http://www.epa.gov/OWOW/info/Publist/publist1.html

U.S. Environmental Protection Agency's - Surf Your Watershed
http://www.epa.gov/surf

U.S. Environmental Protection Agency's - Wetlands Division - Office of Wetlands, Oceans, and Watersheds
http://www.epa.gov/OWOW/wetlands/index.html

U.S. Fish and Wildlife Service
"National Wetlands Inventory (NWI) Homepage: Provides extensive information concerning the national wetlands inventory including maps status, data, GIS, ecology products offered, and much more. Many hot links".

http://www.nwi.fws.gov/text.html

U.S. Geological Survey
National Wetlands Research Center

http://www.nwrc.gov/

U.S. Geological Survey Homepage
http://www.usgs.gov/

USDA Natural Resources Conservation Service Homepage
http://www.nrcs.usda.gov

USDA Natural Resources Conservation Service Wetland Science Institute Homepage
http://www.pif.nbs.gov/wetsci.htm

Wetland Ecosystem Team
University of Washington Homepage

http://www.fish.washington.edu/people/asif/WET.html

Wetlands Information Hotline
Free service to e-mail or telephone order education materials regarding wetlands.

Environmental Protection Agency

http://www.epa.gov/OWOW/wetlands/wetline.html

WetLinks
Wetland Hot Links

http://kh465a.ag.ohio-state.edu/wetlinks.html

WETNET: The Wetlands Network Homepage
http://www.wetlands.ca/

Maps

NWI Map Information
Large scale maps 1:24,000 (for sale and distribution) that show the location, shape and characteristics of wetlands and deepwater habitats on the U.S. Geological Survey base maps.

1-800-USA-MAPS

Journals Containing Wetland-Related Materials

Agriculture, Ecosystems and Environment Agricultural Water Management American Birds
(National Audubon Society)

American Forests
(American Forestry Association)

American Journal of Botany
(Biological Society of America)

American Midland Naturalist
(University of Notre Dame)

American Zoologist
(American Society of Zoologists)

The Auk
(American Ornithologists' Union)

Biological Conservation
(Applied Science Publishers)

BioScience
(American Institute of Biological Sciences)

Canadian Journal of Botany
(National Research Council of Canada)

Conservation Biology
(Society of Conservation Biology)

Ecological Monographs
(Ecological Society of America)

Ecology
(Ecological Society of America)

EPA Journal
(US Environmental Protection Agency)

Great Basin Naturalist
(Brigham Young University, Department of Zoology and Entomology)

Journal of Environmental Quality
(Soil Science Society of America)

Journal of Forestry
(Society of American Foresters)

Journal of Hydrology Journal of Soil and Water Conservation
(Soil Conservation Society of America)

Journal of Range Management
(Society for Range Management)

Journal of Wildlife Management
(Wildlife Society)

Land and Water
(Natural Resource Management and Restoration)

National Wetlands Newsletter
(Environmental Law Institute)

National Wildlife
(National Wildlife Federation)

Natural Resources Journal
(University of New Mexico School of Law)

Nature
(Macmillan Journals, Ltd.)

Oceanus
(Woods Hole Oceanographic Institute)

Range Rangelands
(Society of Range Management)

Science Teacher
(American Science Teachers' Association)

Scientific American
(Munn & Co.)

Soil Science Society of America Journal
(Soil Science Society of America)

Soil & Water Conservation News
(USDA/NRCS)

Transactions of the American Fisheries Society
(American Fisheries Society)

Transactions of the North American Wildlife & Natural Resources Conference
(Wildlife Management Institute)

Water Resources Bulletin
(American Water Resources Association)

Wetland Journal
(Environmental Concern Inc.)

Wetlands
(Society of Wetland Scientists)

Wetlands Research Program Bulletin
(U.S. Dept. of the Army, Corps of Engineers)

Wildlife Society Bulletin